



CONTENTS OF VOLUME 23

Number 1

- 1 Photostabilisation of Photochromic Materials: Contribution of Amphoteric Counter-Ions on the Photostability of Spiropyrans and Related Compounds H. ODA (Japan)
- 13 An Investigation of the Thermal Stability of some Yellow and Red Azo Pigments ZHOU CHUNLONG, MA NIANCHUN & LI LIYUN (China)
- 25 Heterocyclic Monoazo Dyes Derived from 4-Oxoquinazoline: Part II B.R. MODI, N.R. DESAI, B.D. MISTRY & K.R. DESAI (India)
- 33 New Heat-Sensitive Irreversible Colour Former Derived from Aromatic Isocyanates and Imino Compounds K. KABASHIMA, M. TANAKA, S. HIRASHI & M. MATSUOKA (Japan)
- 43 Potentiometric Titrations of some *o,o'*-Substituted Acid Azo Dyes K. VYTŘAS, J. KALOUS & I. ŠILENÁ-JIRÁSKOVÁ (Czech Republic)
- 53 Dyeing of Polyester Fabrics with Disperse Dyes in the Presence of a UV - Absorber A.H. KEHAYOGLOU & E.G. TSATSARONI (Greece)
- 65 Synthesis of 4,4'-bis [(4-morpholino-6-arylureido/thioureido-s-triazin-2-yl)amino] stilbene-2,2'-disulphonic Acid Derivatives and their Use as Fluorescent Brightening Agents for Cotton and Nylon Fibres B.R. MODI, N.M. NAIK, D.N. NAIK & K.R. DESAI (India)

Number 2

- 73 4-Tert-Butyl-1-(4'-dimethylaminobenzylideneamino) pyridinium Perchlorate (BDPP): A Novel Fluorescent Dye R. GAWINECKI (Poland), G. VISCARDI, E. BARNI (Italy) & M. A. HANNA (Egypt)
- 79 A Study of Some Quinones and their Anion Radicals with Vis-Near-IR Absorption PANG XIAOYI, QIAN XUHONG, TIAN HE, XU PING & CHEN KONGCHANG (China)
- 85 The Preparation of 5-Nitro-2-Aminophenol and some Derivatives T. DELIGEORGIEV, D. ZANEVA, V. KALCHEVA & D. SIMOV (Bulgaria)
- 91 Some Recent Advances in Kinetic Studies in Dye Chemistry ZHU ZHENGHUA (China)
- 121 Structure Reactivity Correlations of Azo Reactive Dyes Based on H-acid. III. Dye Degradation by Peroxide K. BREDERECK & C. SCHUMACHER (Germany)
- 135 Structure Reactivity Correlations of Azo Reactive Dyes Based on H-acid. IV. Investigations into the Light Fastness in the Dry State, in the Wet State, and in Presence of Perspiration K. BREDERECK & C. SCHUMACHER (Germany)

Number 3

- 149 The Effects of Cyclic Terminal Groups in 4-Aminoazobenzene and Related Azo Dyes. Part 5. Electronic Absorption Spectra of Some Monoazo Dyes Derived from *N*-Phenylhexamethyleneimine and *N*-Phenylheptamethyleneimine
G. HALLAS & M. A. JALIL (UK)
- 159 The Solid State Structures of Donor-Acceptor Azobenzenes
S. J. MAGINN, J. F. BULLOCK & R. DOCHERTY (UK)
- 179 Design of Chlorine-Fast Reactive Dyes. Part 2. The Role of Sulphonate Groups and Optimization of their Positions in an Arylazoarylamine System
T. OMURA (Japan)
- 197 Color Photographic Development Accelerators. Part III. Synthesis and Properties of a New Class of Selective Development Accelerators
CHEN SHU-LING, ZHU ZHENG-HUA, YAO ZU-GUANG & JI SU XUE (China)
- 205 Determination of Rylan Type Metal-Complex Dyes using Potentiometric Ion-Pair Formation Titration
K. VYTŘAS, F. NOVÁK, J. KALOUS & H. MACOUNOVÁ (Czech Republic)
- 215 Anticorrosion Pigments and Derived Coating Systems on Their Basis
P. KALENDÁ (Czech Republic)

Number 4

- 225 The Effect of Carriers on the Dyeing of Courtelle S
D. AITKEN & S. M. BURKINSHAW (UK)
- 243 Azo Pigments and their Intermediates. Effect of Substitution on the Diazotization and Coupling Reactions of *o*-Hydroxyanilines
K.-Y. LAW, I. W. TARNAWSKYJ & P. T. LUBBERTS (USA)
- 255 Synthesis, Application and Biodegradation of a Chromium Azomethine Dye
Z. GRABARIĆ, N. KOPRIVANAC, S. PAPIĆ, D. PARAC-OSTERMAN & H. MATANIĆ
- 267 The Dyeing of Silk with Heterocyclic Disperse Azo-Dyes
G. SEU (Italy)
- 275 Color Photographic Development Accelerators Part IV: Adsorption of Hydrazines Containing the 1,3,4-Thiadiazole Heterocyclic System on Silver Halides
CHEN SHU-LING, JI SU-XUE, ZHU ZHENG-HUA & YAO ZU-GUANG (China)
- 285 The Influence of Long-chain Alkyl Groups on the Colour, Dyeing and Fastness Properties of 2-(and 1-) Phenylazo-1-(and 2-) Naphthol Acid Dyes
Y. C. CHAO & C. W. YEH (Taiwan)
- 297 Contents of Volume 23

